

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/14953

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04Q7/20		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04Q		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 335 619 A (ERICSSON TELEFON AB L M) 13 August 2003 (2003-08-13) abstract ---	1-42
A	US 6 505 044 B1 (EINOLA HEIKKI ET AL) 7 January 2003 (2003-01-07) abstract column 10, line 30 - line 58 ---	1-42
A	EP 1 313 340 A (LUCENT TECHNOLOGIES INC) 21 May 2003 (2003-05-21) abstract -----	1-42
<input type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
<p>° Special categories of cited documents :</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&" document member of the same patent family</p>		
Date of the actual completion of the international search	Date of mailing of the international search report	
16 August 2004	08.09.2004	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer CHARARINA KARLSSON/MN	

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1335619	A	13-08-2003	EP US	1335619 A1 2003166402 A1		13-08-2003 04-09-2003
US 6505044	B1	07-01-2003	AU EP WO	5223099 A 1116404 A1 0018171 A1		10-04-2000 18-07-2001 30-03-2000
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